

Weather Forecast
Mostly Fair and Cold.

McGill Daily

Today's Saying
You can't get into the Whispering Gallery unless you go to the Alma Mater.

VOL. XIX, No. 83.

MONTREAL, WEDNESDAY, JANUARY 22, 1930.

PRICE TWO CENTS.

Debating Union Plan Celebration Of Jubilee Year

Council Sanctions Budget For Imposing Scheme

PAST PRESIDENTS GUESTS OF HONOR

Players' Club Production to Be Given On Original Dates

PAST presidents of the McGill Debating Union Society seem to have made a success of life by the imposing list which was submitted to the Student Council at their meeting last night. The list was given of those who are working on the Jubilee Celebrations of the McGill Debating Union Society which will be held in March this year.

For the furthering of this scheme the Council granted a substantial sum with which to make arrangements fitting for the occasion. The Celebrations will take the form of a dinner to be given to the past presidents and representative students in limited number, to be given in the University Club.

After the dinner the guests would read in the debate to be held in the Union when it will be resolved that "University graduates should have representation in the House of Commons." It is hoped that Stephen Leacock will occupy the speaker's Chair. Noted men in political circles have been invited, and the standard of debate should be excellent. The debate will begin at nine o'clock and students will be admitted free but there may be a small charge for graduates and visitors.

The committee in charge of the Alma Mater Dance for Friday, January 24th, reported upon the progress of the arrangements, and plans were concluded for the execution of the decorative scheme on that festive occasion.

Members' Duties

Pursuant with the scheme that had originated with the retiring Council, each member of the present Council was allocated some particular department of the Council's activities, the progress of which he must report to the Council at its meetings. The allocation was as follows:—

Doyd Millen Athletics
Tim Martin Union — Graduation Committee.
Phil Matthews Daily
George McTeer Annual
Claude Morrison Directory — Dances.
Ross Murray Bureau of Appointments.
Munroe Bourne Scarlet Key — Red & White Revue.
Lawrence Hart Players' Club — Debating Union.
Aldar Holland Handbook
Sid Gariand Musical Association.

Players' Club

The Players' Club reported that they had to change the dates of the spring production and the Council confirmed the dates back, as they stand in the Student Handbook, namely those of Thursday, Friday and Saturday, February 26th, 27th and 28th.

Progress was reported upon for the Red and White Revue and the Graduates' Smoker. The Council made a grant of twenty-five dollars toward the Bulgarian Students' Fund sponsored by the Daily.

Assistant Manager Talks About Credit

Commerce Students Will Hear Official at Luncheon

Mr. Jackson Dodds, assistant general manager of the Bank of Montreal will speak at the Commerce Luncheon which is to be held Thursday, 1 P.M. in the Grill Room of the McGill Union.

Mr. Dodds is taking the place of Mr. Mackenzie, the general manager of the Bank of Montreal, who is unable to come. He will speak on "Credit Risks as Viewed by a Banker." He has had much experience in banking, and the address should prove very interesting.

At the last Commercial Luncheon, many had to be turned away as accommodation was limited. All undergraduates in Commerce are invited to attend, both men and women. Tickets

Dr. J. S. Foster Will Explain The Quantum Theory

A meeting of the Philosophical Society has been called for tonight at 8 P.M. in Room 44 of the Arts Building, when Dr. J. S. Foster will lead in a discussion on the Quantum Theory.

Dr. Foster's work has won him recognition as an eminent Physicist and his exposition of this Theory is expected to help students to get a clear and comprehensive grasp of it. It is of special interest too, as a forerunner of the lecture to be given shortly by Prof. F. C. S. Northrop of Yale University on "The Philosophical Consequences of Recent Theories of Physics."

Dr. Foster in his speech will endeavour to explain the latest aspects of the subject, and to give information of the utmost importance to those interested in the Quantum Theory.

Students Face Progress Era

Opportunities for Young Men Are Unlimited

YOUTH AT PREMIUM

Leadership of High Order Demanded By Accelerated Changes of Today

New Haven, Conn. (AP)—Vice-President Curtis writing for the Yale Daily News, undergraduate paper, Jan. 17, expressed his opinion that opportunities for youth on the threshold of their careers are unlimited and that the world is calling for leaders. Mr. Curtis said in part:

"I have no patience with those who say, 'Everything worth while seems to have been done—what's left for the young man of today?' Never have opportunities so literally crowded themselves upon youth at the threshold of a career as today. Youth is at a high premium; its courage and zeal, its a priceless asset, and the world so appreciates it.

"Today youth is splendidly endowed by school and college and university in training and preparation.

"Furthermore, the world today is more and more realizing that its greatest reliance is upon its human resources. Progress in business, in government, or in science, is possible only with the persistent and intelligent application of the qualities of mind and heart and soul.

"America's interests are now worldwide. They offer many opportunities for service in industry, government and foreign relations, but they also impose upon us, both as individuals and as a nation, new and increasing responsibilities....

"Leadership of the highest order is demanded by the accelerated changes of today in business, government, in science and in the field of human relations.... The continuance of the present high levels of national prosperity and international comity rests upon the quality of leadership which is being developed and sponsored in the youth of today—the leaders of tomorrow."

Joan Elwes Gives Vocal Recital Here

English Soprano to Sing at Moyses Hall

Joan Elwes, well-known English soprano, will give a recital in Moyses Hall on Thursday, January 23, at 8.30 p.m., under the auspices of the McGill University Faculty of Music. Her programme will be as follows: "L'Amour de Moi" (16th century); "Gloria in excelsis Deo" (A. Scarlatti); "Oft Have I Sighed" (Camplon); "Whither Runneth My Sweetheart" (Bartlett); "O Jesu meum" (Schemelli Book) (Bach); "My Heart Ever Faithful" (Bach); "Softly Sighing" from "Der Freischütz" (Weber); "O Soft Was the Song" (Elgar); "My True Love Hath My Heart" (Perry); "To the Queen of Heaven" (Dunhill); "Silent Noon" (Vaughan-Williams); scene from the "Woodlanders" (Hodgson); "Christmas Eve at Sea" (Davies); "The Birds of Love" (Somerset folk song); "Twinkliddle" (Sussex folk song); "Lord Rendell" (Somerset folk song); "The Berkshire Treacle" (folk song).

may be obtained Wednesday at the McGill Union, and from the class presidents at 50 cents.

Development Of Edinburgh Hurt Trade Growth

Professor Traquair Portrays Growth of Scottish Capital

SECOND OF SERIES

Special Lecture Under the Auspices of City Improvement League

In a lecture given under the auspices of the City Improvement League at the Chemistry Building last night, Professor Ramsay Traquair, of the Department of Architecture, portrayed the development of Edinburgh, Professor Traquair gave the history of the town from its very beginning, when the Romans still held sway in the land.

Edinburgh owed its existence to the fact that it was an admirable spot to keep the Romans at bay. The hill upon which the city was founded was surrounded by almost untraversable swamps. The Romans could not approach the place and it offered a safe retreat to the Scottish chief.

Later, when the Romans had left the land, the possession of the hill was the ambition of each Scottish chief, and the strongest of them all at last held the cherished spot. From him descended the Royal line of Stuarts.

When most of the danger from warring tribes had disappeared buildings began to appear outside the castle enclosure, down the slope to the East. Between the castle and the first houses there was a space of 400 yards, the distance of an arrow's flight, to make the castle safe from

(Continued on page four)

Suspend Co-ed In Traffic Case

Ohio State Disciplines Students For Violation of Traffic Rules

(By Exchange Service)

Columbus, Ohio.—Three students of the Ohio State University were disciplined by the Student Court last Friday for the violation of traffic regulations on the campus, while six other students received for their first offence against the rules.

Miss Virginia Hawkins and Isador Benis were suspended for repeated violation of the campus parking regulations, and Paul Cohen received his suspension for illegal and speeding. Prosecutor Cruicy in his questioning of Benis elicited the fact that he had confided to the officer reporting him that the Student Court could do nothing to him as he was a graduate student. Notwithstanding this belief he received his sentence from the court and his suspension will go into effect along with the others as soon as they are approved by President Rightmire.

It was also proved by the court that Benis was selling insurance in violation of campus rulings. He objected to the statement that he was selling insurance, holding that he was merely receiving payment for the rendering of a service to the insurance. The Court will take action on the latter at a later session.

COLOURED PLATES ILLUSTRATE TALK BY PROF. TRAQUAIR

In the exhibition window of the McGill Library this week are to be found books and pictures on the City of Edinburgh, which illustrated the lecture given by Prof. Ramsay Traquair in the Chemistry Building on Edinburgh last night. Several coloured plates picturing the city in different aspects are also shown.

Debate Matrimony

The regular meeting of the Second Year Commerce Debating Society will be Tuesday Jan. 23th, and not on Friday 24th, as it appeared in the Daily.

Lee Hollingsworth is replacing Morris on the affirmative side of the debate. The motion is "Resolved That Matrimony Is An Obstacle To A Man's Career."

Bernard Alexander will act as critic for the debates. The place of meeting is Room 25 in the Arts

Commercials To Decide Merit Of Midnight Revels

"Resolved that it is better to suffer the effects of the morning after than to have missed the pleasures of the night before." This is the resolution which will be debated at the next meeting of the Commerce '31 Debating Society to be held in the small reading room of the Arts Building next Monday afternoon.

Victor and Cohen will maintain that suffering is the better part; while Kronick and Weinstein will attempt to demonstrate that the pleasures should be missed.

This is the second debate under the auspices of the newly formed Commerce '31 Society, the first having dealt with the abolition of the Department of Commerce. In this the negative speakers were successful in justifying the existence of their school.

Union Undergoes Transformation

Two Hundred Couples Expected to Fill Ballroom

TWO DAYS LEFT

Arrangements Completed, as Date for Alma Mater of 1930 Draws Near

Two days remain before the Union undergoes its annual transformation. Every year about this time the various rooms of the grey stone building are changed into bowers of charm and beauty. Panels and pennants adorn the walls, while colored paper streamers flutter hither and yon. Alcoves are built and chesterfields imported from fraternity row. Zealous souls in smocks spatter paint gaily while amateur carpenters bang nails and knuckles with equal abandon. The reason for all this is, of course, the Alma Mater Dance, given annually by the Students' Council for the Seniors of every Faculty.

To this dance come representatives from all our sister universities to sample the hospitality of Old McGill. It is the social symbol of the whole university.

The 1930 edition of this event should more than equal its predecessors as a social success. It is the first McGill dance of the new year and the first formal to be held in the Union during the present session. In addition it will make the debut of the revamped Ball Room floor, which was thoroughly overhauled and reconditioned during the Christmas holidays.

The committee in charge is now ready to apply the finishing touches to this great party. With the orchestra chosen—the catering arranged for—and the Patrons and Program announced, all that remains is the decorating. This will be done during the next couple of days. At 9 o'clock on Friday evening the finished product will be ready for the inspection and use of the four hundred dancers who will attend.

Luncheon At Ogilvy's For Social Workers

Educational Directress Speaks On Personnel Work

The students of the McGill School for Social Workers and their supervisors were the guests of Jas. A. Ogilvy's Ltd. at a luncheon held in the Adam Dining Room Monday.

After the delightful luncheon the students were conducted to the Van Dyke gallery where the following programme was given:—Introductory talk by Mr. Alrd Nesbitt, a piano solo by Dr. Herbert Sanders and a lecture on personnel work by Mrs. Carlisle M.A., Educational Directress.

Mr. Nesbitt mentioned the fact that in the United States there are schools, such as Mrs. Prince's School at Simmons College Boston, where personnel directors are trained for the large department stores of the United States and Canada. He expressed the hope that in the near future Canadian Universities would have similar departments. Mr. Nesbitt also spoke of the co-operation between the Business Administration Department of such universities as Harvard and the Department Stores' executives.

Building and the time is 2.30. Non-members are welcome.

Great Advance In Mathematics Due To Newton

Professor Gillson Discusses Life and Works of Great Scientist

WROTE PRINCIPIA

Did Work in Optics and Dynamics in Addition to Mathematics

"Newton" was the subject of a lecture given in the Physics building last evening by Prof. A. H. S. Gillson. This address is the first of a series which will be given every Tuesday evening on "Famous British Physicists." "Newton," said Prof. Gillson, "contributed more to the advancement of mathematical and physical knowledge during his lifetime than had been discovered in all the centuries previous to his birth."

The speaker started with a brief outline of the history of science previous to the time of Newton. What was probably the first mathematical text-book was written in Egypt about 3500 B.C. Then Euclid and other Greeks founded Geometry. From 100 A.D. to 1450 A.D. no advancement whatsoever was made in mathematics. Then a German invented the plus and minus sign, Napier invented the decimal point and logarithms, Wallace worked on infinite series, and Descartes correlated Algebra with Geometry by expressing algebraic equations as geometrical curves. In optics practically nothing was known, though the Greeks had noticed the phenomenon of the burning-glass. The Greeks had known nothing about dynamics, but just before Newton's time Galileo

(Continued on page two)

McGill Referred To In Yearbook

Represented by Articles On Medicine and Travelling Library

McGill is well represented in the first number of the "College and Reference Library Yearbook" recently issued by the American Library Association. This new reference work, compiled by a committee of college and reference librarians, will appear annually as a review of the problems and achievements of libraries of these two types.

The volume is of interest to McGill because reference is made to Dr. C. F. Wyld's article on "Methods and Problems of Medical Education" published by the Rockefeller Foundation (Series 6, Vol. 27, p. 39-47) and to the account of the McGill University Travelling Libraries published in the "Library Journal" (Vol. 52: 819-20). Referenced is also made to the second and revised edition of the Catalogue of books on art and architecture in McGill University Library and in the Gordon Home Blackader Library of Architecture recently issued by the Library.

In the Directory of Librarians included in the volume it is interesting to note that of the 61 college and reference library members of the American Library Association listed in Canada 34 belong to McGill University Library—more than half the total for Canada.

ORIENTAL CLUB HOLDS MEETING

Kerr, Perelmutter and Zlotnick Discuss Religion

A symposium on the three important religions of the world will be held at tonight's meeting of the Oriental Club in Room 11 of Strathcona Hall at eight o'clock. Christianity, Judaism and Mohammedanism will be discussed from various angles by three members of the club, Kerr, Perelmutter, and Zlotnick.

This meeting will conclude a series of various aspects of the religions. Professor Brockwell and Rev. Hough have already spoken on the Conception of the Deity from the points of view of both the Old and the New Testaments.

All students interested are invited to attend the meeting and they will be allowed to ask questions from the speakers on any points which they desire to have cleared up.

Tall Buildings Will In Future Cause Revolution

NEW YORK In 1930 will be the dwelling place of two races—Aristocrats and Groundlings—Dr. John Dewey, eminent philosopher of Columbia University, prophesies.

The aristocrats, he said in an interview published today, will live 40 stories and higher above the ground and will never descend to the street. On the other hand, the groundlings, a stunted, dwarfed race, who go about the necessary work of New York in tunnels, scarcely ever will see the sun.

Speaking in a satirical vein, Dr. Dewey says that society will have been revolutionized by the tall buildings. The aristocrats will have developed their own religion and culture, based on solar worship and animated by their proximity to the sun. The groundlings will have formulated a theology related to man's early concept of Hades.

Sex will have lost its mystery due to the all-revealing eye of the television; the theatre and printing will have declined for the same cause. Speakeasies, called "salons," will be plentiful in 1930, Dr. Dewey continues, and anti-liquor agitation will be of interest only to historians.

Makes Attack On Local Prejudice

Prof. MacDermott Will Address English Lit. Society

EDITED DAILY

Critical Attitude Deemed Necessary to Raise Level of Literary Standards

The English Literature Society will hold its first meeting for the new term this afternoon at four o'clock in room 30 of the Arts Building. T. W. L. MacDermott, assistant professor in the history department and editor of the McGill News, will address the society on Literary Criticism in Canada.

Professor MacDermott is a McGill graduate and a Rhodes Scholar. He had a distinguished academic career and was Editor-in-Chief of the McGill Daily from 1916-1917, and received his degree in the latter year. Returning to McGill in 1919, after having been overseas, he was granted a Rhodes Scholarship and proceeded to Oxford for historical study and research. He has been editor of the McGill News for the past five years.

Professor MacDermott has long been interested in the much-discussed subject of Canadian literature and his address will mark the first attempt to collect and correlate evidence on the standards, past and present, of literary criticism in Canada. He will consider all types and classes of criticism from that displayed by small town newspapers to that of the better Canadian magazines and periodicals, and will read specimens, good and bad, of each class.

As the growth of a national literature is said to be accompanied by increasing standards of criticism Professor MacDermott's address is expected to shed much light, directly and indirectly, on the present state of literature in Canada. The speaker, when interviewed, stated that he would make a plea for the suppression of provincial prejudices and the adoption of a more universal point-of-view. A more critical, dispassionate attitude toward our own productions he considers if the level of literary standards in Canada is to be materially raised.

WHAT'S ON

Today
11:00—Commerce '31 Picture.
12:00—Psychological Society.
Science '32.
1:00—R.V.C. Undergrads Society.
1:45—Music Club Picture.
4:00—Delta Sigma Meeting.
5:00—Scarlet Key.
Chess Club.
Nfld. Ex. Club Picture.
8:00—Philosophical Society.
McGill Oriental Club.
Tomorrow
R.V.C. '33 Picture.
Friday
M.W.S.S. Executive Meeting.
Delta Sigma Picture.
Saturday
Sleeping Beauty.

Hudson's Bay Co. Has Grown With Whole Of Canada

Historical Clubs of McGill and R.V.C. Held Joint Meeting

PRINTING HISTORY

Little Progress Had Been Made Until Recent Years

Two very different subjects were treated at the annual joint meeting of the McGill Historical Club and the Historical Club of the R.V.C. held last night in the Royal Victoria College. Adele Languedoc read a paper on "The Hudson's Bay Company," and O. S. Markham, one on "The History of Printing."

In the first paper of the evening, Miss Languedoc showed the rule of the Hudson's Bay Company in Canada has always been characterized by its ability to adapt itself to changing conditions in the country; for from the few primitive seventeenth-century forts clustered around the Bay, it has developed with Canada, until now it owns a chain of department stores in the cities of the western provinces.

The foundation of the Company was the result of the explorations of Radisson and Gosseliers. After vain negotiations with France the two met Prince Rupert who granted them a vessel for further exploration in the Hudson's Bay region. The expedition more than paid its way by the profit that it yielded from its fur trade with the Indians. In fact the voyage was so profitable that no time was lost in obtaining the king's permission for a monopoly of fur trade in Hudson's Bay region. Thus the Company was established.

Its early years were marked by continual rivalry and bickering with French traders who established forts of their own on the shores of the Bay and did their best to cut off the English from the Indian trappers by penetrating farther into the interior of the country. However, fur-bearing animals were so abundant that the Company did not materially suffer.

Rivalry With North-West Co.
After the English conquest of Canada, the Company, though free from the aggression of the French, faced competition from Canadian traders notably McTavish and the Froebisher brothers. These three later consolidated their resources and formed the North-West Company which immediately became a formidable rival to the Hudson's Bay Company. The struggle between the two was disgraced by violence and foul play especially on the part of the North-westers. They did not even hesitate to incite Indian half-breeds to attack the Red River colony founded by Lord Selkirk under the auspices of its enemy.

The union of the rival companies in 1821, however, closed this time of strife and opened up the west to peaceful settlement.

After the Union the Hudson's Bay Company prospered thanks largely to the work of its great director, Lord Strathcona. It is today in a flourishing condition and is noted, as it always has been, for the fairness of its dealings.

History of Printing

In his paper on the History of

(Continued on page four)

Banjo Club Making Progress On Campus

Second Term Activities to Commence Soon

After completing a very successful first term, the Banjo Club is about to recommence work with a more ambitious programme than they considered for some time.

The Club will play at the Graduates' dinner on the 23th of this month and have received a request to play at a jazz tea in the Union House Cafeteria.

It is very gratifying to its members to see the Club taking the important position in University activities that it has held in the past, but which it has been unable to cope with during the past two or three years on account of several unfortunate circumstances.

The Club's activities are not to be confined to University circles. On Tuesday evening, Jerry Shea, formerly of the Capital Theatre, and Mr. Simpson of Marconi Station CFCF will be out to hear the Club, and it all goes well, to offer them radio and other engagements.

McGill Daily

THE OLDEST COLLEGE DAILY IN CANADA
Published every week-day during the college year
at 690 Sherbrooke St. West, Telephone LAncaster
7141; after 10 p.m. and Sundays, LAncaster 7143.

Opinions expressed below are those of the
Managing Board of the McGill Daily,
and not the official opinions of
the Students' Society.

PHILIP MATTHAMS EDITOR-IN-CHIEF
W. KENNETH DUNN MANAGING EDITOR
J. ROSS PATTERSON SPORTS EDITOR
LOVELL C. CARROLL NEWS EDITOR
G. H. FLETCHER ADVERTISING MANAGER

ASSOCIATE EDITORS

K. N. Cameron, '31 Features
S. Gold, '30 Exchanges
M. Aronovitch, '31. N. W. Morton, '30.
W. A. Barclay, '31. D. R. Ogilvie, '31.
F. M. Bourne, '31. E. P. Reid, '31.
D. B. MacFarlane, '32. S. N. Schacter, '32.
R. K. Martin, '30. M. I. Stockton, '31.

IN CHARGE OF THIS ISSUE

News Sports
Munroe Bourne T. I. Levine
Reporters
Jean Bonar, Esther Rowland, D. Black,
H. Freedman, L. Place, J. Rowat,
B. Roston, A. Walsh.

Montreal, Wednesday, January 22, 1930.

An Excellent Lead

IMPETUS was given to the Daily's Bulgarian Students' Fund yesterday when the Students' Council made a grant of twenty five dollars to set the ball rolling. This augurs well for the success of the idea and, if necessity itself was a just enough claim, then success should certainly be its lot. It behoves every student that he or she should follow the example of their executive and make McGill's name a password in international student affairs.

There have been times during the past term when criticism has come to the Daily that it has been printing too much 'foreign' news. The inference was that conditions had called for an enormous amount of filler, but it has been the policy of the Daily, that if possible by the printing of such news, student interest at McGill be given an opportunity to look outside its own small circle and have some knowledge of student affairs in other parts of the world. Thus it has given prominence to College Comment, to letters of its graduates who are studying in other countries, and to international student organisations.

Having thus seen and read of other phases of student life the occasion must arise when the desire to participate in them is reached. This is not practicable to all and an international feeling among students cannot be universal by interchange of student life. In this contingency, and seeing the gravity of one particular case, the Daily felt that the expression of the international mind of the students could be shown in the appeal on behalf of the Bulgarian Students who find themselves in a most wretched condition.

We therefore appeal to you, on the strength of the report in our editorial of Monday, that you support financially the Bulgarian Students' Fund. Contributions may be sent to that name c-o. the McGill Daily, either at the Tuck Shop or the Daily Office. Subscription lists will be published in the Daily, and contributions can be made anonymously or otherwise.

The Council At Home

WE HAVE previously stated in these columns that we think that it is impossible to restrict any university dance to any particular year. This appears to be the fate of the Alma Mater Dance for Friday, for what has always been the At Home of the Students' Council to the Senior Year will be thronged by the rosy faced class of '33 and the most youthful of youth will have its fling on that night. But it is a dance for all the University, all faculties are included, so that the dancers will be truly representative.

The committee this year are trying out the plan of having supper served at one sitting only. This will necessitate the Reading Room of the Union being used for that purpose. Lack of space for sitting out affairs will be noticeable and we hear that the attic doors will be locked and that there will be but a limited number of keys in circulation.

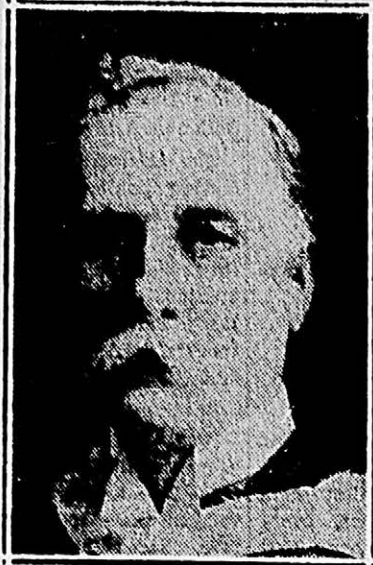
During the vacation the floor of the Ballroom of the Union underwent a process when it achieved a new lease of life, so that one will not be required to push oneself around the room. We hope that it will be crowded so that the dancers can do justice to it rather than lurking in the recesses of the Billiard Room as has formerly been the case.

THE PASSING YEARS

By J. A. Nicholson
(Concluded)

Athletics

PERHAPS on no side of the University life has there been greater development within the last ten or fifteen years than on that connected with physical education. In my student days this expression was scarcely ever heard. There was a semi-private gymnasium, it is true, managed by a Mr. Barnjum, to which students could go, but it was very poorly patronized. I remember it chiefly through one of my class-mates, James Naismith, B.A., the founder of the game of basketball. Later, when I came to the University as an official, Dr. R. Tait Mackenzie was the Director of Physical Education and much more attention was being paid to it. On his retirement in 1904 to accept the directorship of this Department in the University of Pennsylvania, Mr. W. J. Jacoby was appointed for the gymnasium work and Dr. F. W. Harvey as Medical Director. On Mr. Jacoby's retirement, or very shortly after, the Department of Physical Education, as we know it, was established with Dr. A. S. Lamb as Director and still Dr. Harvey as Medical Director. Since then rapid strides have been made.



Dr. J. A. Nicholson

The great need, is a suitable centre for the work, for since the Molson Hall, where an improvised gymnasium was set up a few years ago, had to be given up to form part of the reconstructed Arts Building, the regular programme had to be abandoned, so all concerned are eagerly awaiting the day, when a suitable building will arise. The students of fifteen or twenty years ago will have some recollections of the old M.A.A.A. gymnasium at the corner of Mansfield Street and Burnside Place which the University bought and used as a gymnasium for a few years but which had to be abandoned as unsafe in 1915. For seven or eight years thereafter the Department had to carry on its work as best it could in buildings owned by others.

Speaking of Molson Hall, it might be of interest to show the various uses to which it has been put at different times. In the earliest days the upper part was used for examination and Convocation purposes, whilst the lower housed the McGill Library; later on the whole building was divided into class-rooms and for a few years was taken possession of by the Faculty of Applied Science their numbers having outgrown their own accommodation; during the War it was the barracks for the Universities Companies, trained on the McGill Campus; after that it was taken over and converted into a gymnasium, as already stated. No person would recognize it to-day with its new and commodious class-rooms and up-to-date equipment, as a part of the new McGill College.

Honorary Graduates

During the twenty years immediately following the date of my appointment the Honorary degree of Doctor of Laws was conferred on many distinguished men, among the number being His Excellency Adrien Jules Jusserand, French Ambassador at Washington, in 1904; Earl Grey, Governor-General of Canada in 1905; Andrew Carnegie in 1906; Sir Ernest Rutherford in 1917; Right Hon. James Bryce, British Ambassador at Washington and Right Hon. Viscount Milner in 1908; H.R.H. the Duke of Connaught in 1911; Viscount Haldane, Lord Chancellor of Great Britain, Hon. Edward Douglas, Chief Justice of the United States, Maitre Fernand Gustave Gaston Labori, Battonier of the Bar of France, Hon. Robert Laird Borden, Prime Minister of Canada, William Howard Taft, Ex-President of the United States, Hon. Joseph Hodges Choate, Ex-Ambassador to the English Court, Hon. Ellhu Root, Hon. Charles Doherty, Minister of Justice for Canada (all these on the occasion of the meeting of the American Bar Association in Montreal in 1912); Sir Gilbert Parker in the same year; the Duke of Devonshire, Governor-General of Canada in 1916; Right Hon. A. J. Balfour, Ex-Premier of Great Britain in 1917; H.R.H. the Prince of Wales in 1919; Sir Arthur Currie, Ex-Commander of the Canadian Army and newly appointed Principal of the University in 1920; Lord Byng at the Convocation in connection with the Centennial celebration in 1921, when 51 degrees were conferred, (29 of them being on graduates of McGill); and General John Pershing of the United States Army and Admiral Sims, Ex-Commander of the American Navy on different dates in 1922.

Miscellaneous

Up to a few years ago the Board of Governors was a self-perpetuating body, as it is still in so far as the majority of its members are concerned, but recently they agreed, on a request from the Graduates' Society, to admit to their membership three graduates elected by the graduates themselves, so that there are now on the Board three persons directly representing the graduates, out of a total of twenty-three. It must be understood, however, that these are not the only Graduate Governors.

Within the last twelve years another change in the matter of representation on University governing bodies has also taken place. The election of graduates to represent the different Faculties on the Corporation of the University used to be entirely conducted by the Corporation itself, but now the whole machinery is placed in the hands of the Graduates' Society. The result of these democratic concessions is a better feeling all around and a greater interest in University affairs on the part of those who have passed through our halls.

Speaking of the graduates, mention should be made of the Reunion which was held in connection with the University Centennial Celebration in 1921 when as many as 2500 met on the old Campus and carried out a most successful programme from October 12th-16th. This was the first reunion of the graduates as a whole. Two Faculty reunions had been held previously, one for those in Applied Science in 1909 and one for Medical graduates in 1911. The second general reunion in 1928 was not as successful as the first, perhaps because it came too soon after and perhaps, too, because it lacked the novelty of being the first.

Another evidence of democracy is seen in the present composition of the Faculty, by which is here meant the immediate governing body of the

several schools which make up the institution. Up to a few years ago some members of this body were appointed by the Board of Governors. The Heads of Departments were ex-officio members but others could be added. To-day, all Professors and Associate Professors, by virtue of their being such, have a voice in the conduct of their respective Faculties.

There used to be in Sir William Peterson's time a body known as the Academic Board. It was his own creation. It was composed of all the Professors and Associate Professors in the University with a few others appointed by the Board itself. This Board could take into consideration any matter affecting the interests of the University as a whole and make recommendations to either the Governors, or Corporation, but it never functioned satisfactorily, no doubt because of the fact that it had no authority.

Two minor changes may be mentioned here although they are of comparatively little account, namely the change in the form of the diploma issued to graduates and that in the coat of arms. In the olden days diplomas bore the signatures of all the Professors in the Faculty from which the student graduated. This was possible only because the number of graduates was small. With the number we have to-day it would be practically impossible to carry out such a practice. On these diplomas there now appears only the signatures of a Governor, the Principal, the Dean of the Faculty and the Registrar.

In the case of the coat of arms it was found that the old design had not been registered with the College of Heralry and moreover that it was not in accordance with their regulations. We are now correct in this respect.

The Chancellor of the University at the time of my appointment was Right Honourable Lord Strathcona who, although he was absent a great deal from the country, continued to act in this capacity until his death on January 19th, 1914. He was succeeded by Sir William Macdonald who carried on the duties of the office until his death on June 9th, 1917. The Right Honourable Sir Robert Borden occupied the Chair from February 11th, 1918 till he resigned in May 1920. He was succeeded by the present Chancellor, Dr. E. W. Beatty in 1921.

Tragic Occurrences

During the time of my Registrarship there have been heavy disasters felt upon the University:—(1) the burning of the Engineering Building on April 5th, 1906 and (2) the Medical Building eleven days later, and (3) the Great War. Larger, and better arranged and better equipped buildings were erected to take the place of those destroyed, but the result on the whole was a heavy expenditure, which the authorities found it hard to meet.

But that which caused the greatest upheaval in the work of the University, was the World War. The attendance was cut in half during these never-to-be-forgotten years, which meant a heavy reduction in income whilst expenditures remained practically the same.

There is no need of dwelling on the part that McGill played in this terrible tragedy. The story has been often told. Suffice it to say that in every land where the conflict raged her sons lie buried, making "some corner of these foreign fields forever ours". Tablets have been placed, windows consecrated, and monuments raised in their honour and to their memory, but these but feebly express the pride which we all feel for their valiant service and their noble sacrifice and our great sorrow for their early demise.

"On Fame's eternal Camping-ground
Their silent tents are spread,
And glory guards with solemn round,
The bivouac of the Dead."

Conclusion

One cannot think back over a quarter of a century without being deeply impressed with the ever-changing condition of things, and the ruthless ravages of Time. Such a retrospect brings with it no small measure of sadness—a sense of regret for vanished things once deeply cherished and for friends once highly esteemed, but there comes a feeling of hopefulness too. It is natural to assume that if the University (and it is the only thing that abides) has made so much progress in the years that are gone, she will surely continue to exert an ever-expanding influence, and be a still greater agency for the spread of truth, in the days that are to come, when other minds than ours will be directing her destinies and other hands administering her affairs. So may it be.
The End.

Great Advance In Mathematics Due To Newton

(Continued from page one)

had made many investigations and proved that near the earth's surface the distance a body falls is proportional to the time squared. This laid the foundation for Newton's dynamics. In astronomy Copernicus had shown that the planets moved about the sun, Kepler found that all planets moved about the sun in ellipses, the sun being in one focus, and also proved the formula that squared divided by a cubed is a constant for all planets. This then was the state of scientific knowledge at the time when Newton was born.

As a youth Newton did not show great brilliance, though he wrote many interesting notes on "how to make bait for fish, how to cure toothaches, how to make birds drunk, and the like," many of which were very amusing. In his latter years at school he was at the head of his class, but when studying for his B.A. degree at Cambridge, he was not outstandingly brilliant though he showed interest in trigonometry and astrology.

Nine Amazing Months

After his graduation he went to Lincolnshire for a holiday, and this proved to be the most prolific period of his career. Probably no one has ever accomplished so much in so short a period of time. In nine months he invented the Binomial Theorem, wrote two papers on differential calculus, then worked on integral calculus and applied them to curves, equations, etc. Without calculus our present day mechanical civilization could not exist. He next decided that there must be a force attracting planets to the sun, and that perhaps this varied as the inverse square law. He also decided that the force attracting the moon to the earth must be the same as that which makes objects fall. His calculations showed however that the moon was only attracted to the earth 13.9 feet a second, not 16 as he had expected. Disappointed he put aside his notes and did not return to them for 20 years. During all these great discoveries he was only twenty-three years old.

Research in Light

At this time Mercator published a pamphlet on how to find the area of a hyperbola. As this was only a special case of his calculus, Newton asked some professors if he should publish, but he was advised not to, and his calculus was not made known to the world for 35 years. At the age of 27 he accepted the chair of mathematics at Cambridge, and, as he only had to lecture one-half to one hour a week, he had considerable spare time, which he devoted to research in light. He found that white light is made up of a mixture of colours which can be recombined to form white light again. He also invented the reflecting telescope to replace those with lenses. He put forward the emission theory of light in opposition to the wave theory. His theory is not greatly at variance with the modern one.

Gravitation

In 1682 a new measurement showed that the radius of the earth was 4000 miles. Newton now remembered his calculation of 20 years before and, using this new value the work was proved to be right. This proved his great law of universal gravitation and solved the motions of the planets. Newton also proved that the path a particle would move in if attracted to another particle by a force varying as the inverse square law is an ellipse.

Newton now started writing his great work, the "Principia." The first book, written in seven months contained the laws of dynamics, gravity, etc. The second book, which took five months to write, dealt with hydrodynamics. His third and greatest book, applied these laws of dynamics, etc. to astronomy.

At the age of fifty-four he became warden of the Mint, and when sixty-one, he was appointed president of the Royal Society. He then published his "Optics." McGill is fortunate in having Newton's own copy of the third edition of this book, with several corrections in his own handwriting.

From time to time members of the Royal Society would send him mathematical problems to solve. What would take other men several months to solve, he would do in a few hours. He died at the age of eighty-five, having retained his senses to the last moment.

Officer (to firing squad): Don't shoot yet. Give 'em time to endorse their cigarettes.
—Cornell Widow.

What our country needs is a good spot remover to remove spots made by these patent spot removers.
—Drexler.

Co-ed (at end of quarter): Now that you have kissed me, Professor, what do you think?
Prof.: You'll fail. I need you in my class next quarter.
—Ohio State Sun Dial.

"Where are you from, mister?"
"Utah, sir."
"And what is it famous for?"
"Great Salt Lake, sir, where ninety-nine and forty-four hundredths percent of the salt mackerel are caught."
—Annapolis Log.

"WATCH MY SMOKE!"
I'll show you speed in studies and sports - and when it comes to smoking I'm there every time with Turrets.

20 for 25c

TURRET
CIGARETTES

Mild and Fragrant Save the valuable "POKER HANDS"

ENGLISH DRESS SHIRTS

Regularly \$3.00—Less 15%
January Cash
Discount
\$2.55

These are the Jackman Dress Shirts all the fellows are wearing—the finest shirts in town. Fronts guaranteed not to bulge. All button holes hand-sewn.

P.S. McGill Blazers—Regularly \$15—Now Less 15%—\$12.75

J. D. Jackman
LIMITED
1444 ST. CATHERINE STREET WEST
MONTREAL

MED BALL

FRIDAY,
FEBRUARY,
28th.

MOUNT
ROYAL
HOTEL
BALLROOM

Tickets on Sale from
Class Representatives
January 23rd.

PRICE \$6.00

Red and White Hockeyists in Double Victory at Forum Last Night

SENIOR SQUAD WIN FROM U. OF M., 3 TO 2

Tie Frenchmen For Beaubien Cup

CLOSE CHECKING FEATURES CONTEST

McGill Men Come From Behind to Capture Mediocre Display

BY defeating the University of Montreal squad 3 goals to 2 last night at the Forum, McGill's senior hockey sextet avenged a former defeat at the hands of the French University boys and at the same time drew up on a level with the green and gold for the Beaubien Cup, emblematic of hockey supremacy between McGill and U. of M. Both puck aggregations are tied for the silverware with one game apiece to their credit and it is more than likely that a third contest will be arranged in the near future to decide the final winners of the trophy.

Last night's tussle proved to be productive of good hockey at times, with both goal-keepers bearing the brunt of the play. Denault in the nets for U. of M. certainly saved his team from a worse defeat as time and again he warded off the red and white forwards when they only had the French goalie to beat.

The redmen skated on to the ice favorites and from the start set up a fairly fast pace, as Farquharson, McGillivray and St. Germain stormed the fortress. Denault saved well as the Saint sent a hard one from close in. McTeer and Robertson followed soon after with terrific drives, but the French netminder stopped them spectacularly. Gagne, Raymond and Dupuis, the green and gold forwards were quick to retaliate and Powers was called upon to do his stuff as the first period ended scoreless.

U. of M. Lead
As the second stanza got underway the French lads pressed hard and after two minutes of play, Forbes opened the scoring when he beat Powers from close in to chalk up the first U. of M. goal of the evening. St. Germain and Robertson kept boring in on Denault but with little success as the U. of M. goalkeeper held the redmen at bay. McGill was not playing the same hockey as they did at Varsity Saturday, and for a while seemed to be out of the picture.

Tommy Robertson tied the count for McGill when he received St. Germain's pass at the U. of M. defense and didn't give Denault a chance to save as he poked the rubber into the left corner of the net. The red and white supporters felt a bit better and the occasional McGill yell was heard. The redmen began to hit their stride soon after and for a while had a complete edge on the play. McGillivray was penalized and Ethier followed him to the box a minute later. St. Germain kept raining shots at Denault and the McGill centre was finally rewarded for his efforts when he went through the defense to beat the green and gold netminder for McGill's second score as the green and gold

(Continued on page four)

Arts Defeat Commerce 8-1

In a scheduled inter-class game yesterday the Arts '23 puckchasers whipped Commerce to the tune of 8 to 1.

The game was productive of some good hockey on the Arts side and some highly entertaining acrobatics on the part of the Commerce goalie. Nevertheless he succeeded in stopping on more than one occasion what appeared to be sure goals for Arts. Larue was also good for Commerce while Black, Wilson and Hilliard stood out for Arts.

The Commerce goal came in the nature of a gift when Denton and Wilson got a little flustered with the puck in front of their own goal and between them managed to shove the rubber in. Of the Arts goals Black was responsible for three, Denton two and Denton, Wayland and Winn each one.

The teams lined up as follows:

Commerce	Arts
Goal	Denton
Defence	Wayland
Forbes	Hilliard
Spencer	Centre
Corby	Leggat
Chapu	R. Wing
Larue	Black
Barnes	L. Wing
	Wilson
	Sub.
Jaine	MacLennan
	Denton
	Winn

Red Defenceman



Captain George McTeer, of the senior hockey squad, who put in a stellar performance against U. of M. last night.

Senior Mermen Meet Old Boys

Former Stars Return to Do Battle at Water Polo

THURSDAY NIGHT

Graduates of nearly every year back to 1921 will return to the old swimming hole to play against their Alma Mater in the Old Boys' Water Polo game, an annual event for several years, but which has not been played for the last two seasons. The game will probably be played under two different styles, with the old Canadian wrestling game for one half, and the faster, but more technical International rules governing the other. The battle will be waged after the inter-faculty swimming meet Thursday night.

The first graduate to report, was Harold Plak of Science '23 who will be forced to enter the water against the team that he has coached for three seasons. Harold will always be remembered for his bullet-like back-hand dives, which always seemed to come when they were needed. If they came anywhere near the goal, there was no hope of any goalkeeper stopping them. Nor has Harold forgotten his old shots he drops into the tank every old day to frighten Cam Gardner with it.

The next two to report were Ned Buchanan and Eddie Quinn, both members of the championship 1927 McGill team. Both Eddie and Ned are still in the game; Eddie playing for Columbus, and Ned for the M.A.A.A. "Blues".

The rest of the team are not sure whether they will play yet, but serious attempts are being made to persuade "Fat" Forsythe to make the water flow over the putters again by his jumping in the tank. In all probability George Vickerson will report also.

"Such a team of stars of all time will furnish opposition stronger than the college team has run into yet. They have been relaxing since the close of the City League, but this game will mark the start of a drive which they hope will end in a victory over Varsity in the beginning of March. Mercereau, Bourne, Shackell and Buckley are improving in short quick passes and shooting, while Mort Gibbons has returned to strengthen the defense considerably.

Meds. Ease Out

Medicine 2, last year's interclass champions, completed another victory yesterday when they overcame the Science Sophomores by a score of 4-2.

The play was fast despite the snow and a large gathering cheered the players into action. Chalmers and Kritzwiler shone for the victors while the Science goalie had much to do with keeping the Doctors lead down.

Chalmers knocked "la rondelle" in for the first goal and also scored two others, while Kritzwiler accounted for Meds. 4th. The scorers for the Plumbers were Ross and McGuire.

Meds. 1 Defeated In Interclass Game By Arts. 3

Still a Chance for Both Teams for Basketball Title

G. DIXON STARS

Clean, Fast, Hard Fought Contest Witnessed By Small Crowd

THE small crowd which turned out last night in the Montreal High Gym last night, witnessed a first class competition of fast clean basketball when the Arts III basketball team came from behind to take the game from Meds I with a final score of 28 to 18.

Margolick star forward of the Arts team drew first blood with a neat shot from the side line but the tables were soon turned when "Doc" McLean scored a difficult one from centre. Dougan jumped into the scoring list by two hard shots right under the basket, adding four counters to the doctor's score. Margolick Dixon and Shuster scored for the Arts men and Laisley and McLean for the surgeons.

Score at half time, Meds 10 Arts 8.

The medics strove hard to increase their lead but Jerry Dixon thwarted their plans with his perfect passing and shooting, ending up by being high scorer of the evening. They did manage to keep their lead for a while by the wild rushes of McLean and with the Laisley, Dougan, McLean combination but the fast Arts forwards wore them down and the steady defence men Katz and Seltzer, broke up their rushes effectively.

It was in this second period that Dixon dragged the game from the fire by getting his passes neatly and scoring from every angle a grand total of thirteen points. Margolick also showed good form chalking up seven points for his team. Shuster, who was high scorer for the past few games, was off colour last night scoring only one basket.

The score stood at eighteen to sixteen for Meds when half the period was over but the Arts men kept their end and by some neat combination plays crept up and by the time the period was over the score stood twenty-six to eighteen for Arts III. The Arts juniors were defeated by the Arts II machine on Friday but they have yet a chance to take the interclass title if Meds I defeat Arts II and the Juniors win their game tomorrow with the freshmen, thus creating a three cornered tie.

Meds I (18)	Arts III (26)
Forward	
McMartin (1)	Margolick (7)
McLean (6)	Shuster (2)
Centre	
Laisley (7)	Dixon (18)
Defence	
Dougan (4)	Seltzer (2)
Dancy	Katz (2)
Sub	
Warson	Costello
De Smit	Aronyvitch
.....	Siminovitch
.....	Rubin

Drummondville Trip

Unless mild weather again holds a game off, an all star team will leave aboard "The Eastern Townships Limited" for Drummondville on the 30th of this month. The game will be with the Drummondville Hockey Club, which boasts a strong team chosen from one of the busiest industrial towns of Quebec.

Mr. Dulleux, manager of the Drummondville Team, awaits the arrival of the McGill men anxiously according to a letter received from him last evening. The interclass stars or "Orphans" will attempt to have a small practice before travelling to the "textile town" to battle the "Canadiens." The train leaves at 5 o'clock from the Bonaventure Station and arrives in Drummondville at 7 p.m.

Inter-class Hockey

Due to an over crowded sports page part of the schedule printed yesterday had to be omitted.

Today Wed. 22.

Tennis Courts.	
4-5 Arts 4 vs. Comm. 4	
5-6 Med. I vs. Comm. 1	
6-7 Law vs. Architecture	
Holley.	
4-5 Arts 2 vs. Comm. 2	
5-6 Arts 3 vs. Sci. 3	
Thursday, 23.	
5-6 Arts 3 vs. Med. 3	
6-7 Arts 4 vs. Science 4	

Interfaculty Swimming

The entries for the interfaculty meet are coming in, in increasing numbers. So great is the enthusiasm that a very high percentage around college has decided to enter in the 100 yds. breast stroke. It is understood that he is racing another high percentage for \$10.00 a side. The names of both these men are being kept a strict secret lest their amateur standing be impaired.

The old boys have signified their intentions of putting a strong team both in the relay race and the polo game.

The diving particularly is apparently a popular event judging from the number of entries.

The time is Thursday at 8 o'clock the place, the K. of C. natatorium on Mountain street; the list of events:—

50 yds. free style.	
100	
200	
410 yds. free style.	
100 yds. breast stroke.	
50 yds. back stroke.	
Diving.	
Relay Race.	
Polo Game.	

Watch out for the great Law team. They are the dark horses, in this meet.

McGill Meets M.A.A.A. Cagers

Red Second Basketballs Play Tonight

SELLAR BACK

There should be action aplenty when Coach Van Wagner's second squad clashes with the M.A.A.A. senior team in a regular league fixture on the Peel St. court tonight.

Both teams are at present tied for second place with one win and one loss apiece, and they will both be at full strength for the struggle. The M.A.A.A. quintet which last year won the provincial championship lost their opening game against Westmount "Y" but came back strong to win over the strong Y.M.H.A. outfit by a comfortable margin in their second league game. McGill after gaining an impressive win over Central "Y" in their league opener lost a close-contested match to Sun Life.

The Redmen will be strengthened by the return of Capt. Sellar who will resume his duties at centre, and by Dougan, Maritime boy who has shown good promise in recent practices. The team that will start for McGill tonight will consist probably of Bill Sellar at centre, Talpis and Hammond on the forward line with Feigenbaum and Iloss on the defence. With Melvill at centre, Kyle and Godsell on the forward line the Peel St. basketweavers present the best front line seen in Montreal for years. However they will face a difficult task in attempting to pierce the McGill defence; for in Feigenbaum McGill possesses one of the greatest guards in the league.

M.A.A.A. Intermediates meet the Beavers in the preliminary game.

M.W.S. Badminton

Now that the holidays and the worry of exams are over, interest in badminton is once more running high. The attention of all women students is drawn to the announcement of the Spring Badminton Tournaments appearing on the notice board at R.V.C. On it are listed the hours when the Hall is available for practice, and it is hoped that good use will be made of the courts. These tournaments, singles and doubles, will be open to all women students of any faculty, irrespective of whether they are or are not members of the M.W.S. Badminton Club. Further information as to entries and date of commencement will be posted within a few days.

Loyola Sextet Lose To McGill Juniors, 2 to 0

'Scoreless Wonders' Finally Break Into Winning Column

G. JOHNSON STARS

Junior Hockey

The McGill junior hockey squad will hold a practice at the Forum today after the intermediate game. The time will most likely be around 3 o'clock. All juniors are asked to be on hand and since several will be playing in the intermediate tussle, all others who wish to try out for the junior squad are asked to be on hand today.

TWO brilliant last period goals gave McGill Juniors a two to nothing victory over Loyola at the Forum last night. Gordie Johnson, young wingman, of the team, made both plays that gave Bobby Bell's scoreless wonders a victory at last. About the middle of the period which up to that time had been very slow Johnson got the puck at his own defence, and beat the whole Loyola squad for the first goal of the game. The crowd gave him a great hand for his play. To show that there was nothing fluky about it two minutes later he again sifted right through himself and shot. The puck rebounded from the Loyola goalie's pads and Calder was on hand to shove it into the net. It was the Junior's first win in seven games, having drawn five and lost one to that time.

Beside's scoring and assisting in McGill's goals Gordie Johnson played a whale of a game all evening. He back-checked like a fiend, and held his wing like a pro. Max Bell and Holly McHugh also turned in fine performances. Once in the second period McHugh robbed Daly of what looked like a certain score. It was a marvellous save.

Bobby Bell was on hand to coach the team, and on being interviewed by the Daily as to how he finds married

(Continued on page four)

Mitt Men Down To Hard Grind For "Y" Bouts

Bert Light is arranging a meet with Y.M.C.A. for next Saturday afternoon. This means hard practice for the boxing squad all week. There are a couple of Provincial champions on the Y.M.C.A. lineup, and all sorts of stiff opposition will be thrown at the mitt-men this Saturday.

Coach Light wishes to stress the point that full advantage must be taken of every practice hour this week. Up to the present time no very serious opposition has been offered to the boxers, and the Ottawa and New Hampshire trips are close at hand. The College Assault is even nearer, being scheduled for February 1st.

Yesterday afternoon nearly all the squad were out in full force, and they were let off with a fairly easy practice. A couple of long expected faces were present that should add strength to the pugilists. It is hoped that these men will get into condition right away.

The following men are already matched in bouts for next Saturday, and should get in as much practice as possible this week: Kussner, Tanenbaum, Shallcross, Goodman, Danfield, Bernstein, McGregor, Porteous, Minnion, Greenblatt, Vetch, Wilson, Boyce, Robertson, Phillips, and Breunhouse.

Badminton Notes

About a dozen players were present at the practice last night and the courts were kept constantly occupied. The high-spot of the evening was a series of three matches between Seely-Challies and Langstroth-Webster. The latter won each game but only by very close margins.

Projects for the near future look bright. Club tournaments are to be held in the near future and a ladder competition will also begin soon. A match against the faculty has been arranged which should also prove very interesting.

The teams which will represent McGill in the match with the Montreal Teachers Club were chosen last night. Only a few changes have been made in the line-up and the teams are essentially the same as those which faced the Artillery Club a few weeks ago. The Red players are: Argue and Langstroth, Seely

Coroner's Court

With the double wins of the hockey squads at the Forum last night, prospects for the remainder of the season loom bright as both McGill senior and junior puck sextets seem to have reached top form.

ON THE CREST The seniors, as a result of their 3 to 2 victory over U. of M. avenged a former defeat and at the same time remained in the running for the Beaubien Cup. Both McGill and U. of M. teams are now tied for the silverware and it is more than probable that a third meeting will be arranged to decide the eventual ownership of the trophy for the ensuing year. After last night's win, the redmen appear as strong contenders for the intercollegiate title when they meet Varsity on Feb. 20 in the second and final match. In many quarters the forthcoming Varsity tussle is being considered as the epic of McGill's athletic season, when the red and white senior hockeyists will make a determined bid to capture the intercollegiate title which has been resting in Toronto for the past seventeen years.

We nominate to this most exalted position in all earnestness Holle McHugh, McGill junior goalkeeper, who has hung up a record in seven games, having five shutouts and only three goals scored against him.

and Chailles, Denis and Marler, 4.25. Anyone who is unable to come Webster and Chipman. The match should communicate with the cap is scheduled for Thursday afternoon. C. W. Argue at the Biological and all players should turn up at Building as soon as possible.

The Club
 1425 Mansfield Street
 (Just above St. Catherine Street, West)
SANDWICH COUNTER FOR MEN
 All Kinds of Sandwiches: Hot and Cold, Good Food, Good Portions
 REASONABLE PRICES SEATING CAPACITY 200
 Daily Special—Roast Beef Sandwich 25c.
 SERVICE — COURTESY — CLEANLINESS
 OPEN FROM 8 A.M. TO 11 P.M.

GOLDSMITH BROS.
S. & R. Co., LIMITED
— DENTAL DEPOT —
 6th Floor.
 1193 PHILLIPS SQUARE
 In Business Since 1867

TANSEY'S PHARMACY
 Prescription Specialists
 Telephone us for your Fountain Requirements.
 Messenger Service to 10.30 P.M.
 462 Sherbrooke West.
 HA 7866 PL. 5953-5915

McGILL'S "College Inn"!

MURRAY's is to McGill what the "College Inn" is to universities in smaller towns: a clubby place for a late snack with intimate friends. Look for your friends here after the theatre. And try the house specialty—coffee! You'll want extra cups and they can be had for the asking.



MURRAY'S

943 St. Catherine St. West - 1394 St. Catherine St. West - 2193 St. Catherine St. West
 1223 Phillips Square - University Tower (under construction) - 3663 Park Avenue
 389 St. James Street - 457 St. Peter Street - 5911 Sherbrooke Street

HAIL! HAIL!

The Gang'll All Be There
 So What the H... Should We Care

PROVIDING

WE HAVE BOUGHT
 OUR TICKETS TO THE

ALMA MATER

From The

UNION TUCK SHOP

Senior Squad Win From U. of M. 3 to 2

(Continued from page three)

custodian lay prostrated on the ice in an attempt to block the shot.

Not to be outdone, the French lads kept up their attack and within two minutes of the end of the period Mignault tied the score when he beat Powers from close in after the McGill guardian had stopped Gagne's drive from the left boards.

Third Period

With both squads at a deadlock at the start of the third period, the McGill men forced the play. St. Germain still kept up ceaseless fire at Denault who made several brilliant saves.

The red and white combination plays came to the fore and the back-checking of McTeer and McGillivray brought plenty of applause from the McGill rooters. St. Germain tallied the redmen's third and winning goal after three minutes of play in the final session when he received Ward's well-timed pass to beat Denault, sending the rubber into the top left corner of the net. It was a beautiful play and showed McGill's superiority at combination. For the remainder of the session both squads pressed hard and at times Moose Bannan, U. of M. defenseman, was erratic in his attempts to even the score. The redmen continued to rain shot after shot on the French goal, but here Denault rose to fame as he managed to foil St. Germain, McGillivray and Ward as the latter had only the U. of M. net custodian to beat.

The line-up:
McGill (3) U. of M. (2)
Goal
Powers Denault
Defense
McTeer Bannan
McGillivray Lanctot
Centre
St. Germain Gagne
Wing
Robertson Raymond
Farquharson Dupuis
Sub.
Ward Forbes
Granger Mignault
Hutchins Ethier
Painter
Klein

Summary
First Period
No score.
Penalties: McGillivray.
Second Period
1. U. of M. Forbes 2:00
2. McGill, Robertson 7:30
3. McGill, St. Germain 12:15
4. U. of M. Mignault 15:40
Penalties: McGillivray, Ethier.
Third Period
5. McGill, St. Germain 3:00
Penalties: McTeer, Ethier.

Development Of Edinburgh Hurt Trade Growth

(Continued from page one)

a possible surprise attack from the town.

The structure of these first houses was principally of wood with thatched roofs. There was one street one-half mile long and 100 feet wide, which constituted the market place for the burghers. After 1450 this restricted territory became crowded and a new aristocratic quarter to the east of this grew up. This was called the Cannon Gate Road. Still farther east of this section there was the famous abbey. Here the King took up his residence, and built about the abbey a large beautiful castle.

Capital of Scotland
By this time the city had gained such importance as the centre of culture and trade that it had been made the capital of the country. From then on it grew very rapidly.

During the reign of James VI the royal treasury was at a low ebb and the king thought of a very easy way to increase his funds. He gave grants to some of his richer nobles of lands in far away Canada in the Province of Nova Scotia, with the condition that they visit their lands at frequent intervals. Many of the nobles decided that Nova Scotia was too far away from their native land, so hit upon the scheme of making the 400 yd. strip of and between the castle and the town, a part of Nova Scotia. This plot of land is still called by that name.

As the population grew more dense the burghers gradually encroached on the wide market place, but this was stopped in time by the governors of the town. In the middle of the market stands St. Giles Church. Opposite it are the Parliament buildings and the City Chambers. These buildings are all situated on church land, that had been granted years before to the Black and Grey Friar monasteries. This church land extends for some distance to the south and is gradually being used for institutes and municipal buildings.

Many of the structures along the market place have been torn down during the last few years to make room for increasing traffic but it is only having the effect of destroying the beauty of the city, while it has been found that the extra room was not needed to help congestion.

By the end of the fifteenth century the city proper had become so

Sport Notices

Rugby Pictures

All those who ordered pictures of the Intermediate or Junior Rugby Teams please call for same at Bill Gentleman's office at 10, 11 or 12 o'clock today.

Intermediate Hockey

The McGill Intermediate Hockey squad will meet bishops at 2 o'clock today at the Forum. The following are asked to be on hand:—McLugh, Makiely, Uquhart, Painter, Hutcheon, Taylor, Haines, Bell, Swabey, Ebbitt, and Rubin.

Basketball Play-off

Arts 3 and Arts 1 basketball quintettes will meet tonight at 6:00 in the Montreal High Gym, in an inter-class cage play-off. All men out on time.

Arts '30 Hockey

The following members of the Arts '30 hockey squad are asked to turn out for their game with Comm. 4 at 4 o'clock on the Campus rink:—

St. Klein, Dave Mackenzie, Doc McMaster, Max Ford, Jerry Hunter, Lionel Rubin, Martin Perelmutter, and Ted Levine.

Arts '32 Hockey

There will be a game with Commerce 2 this afternoon on the hollow rink at 4 p.m. The line up is as follows:—

Forwards:—Chard, White and Horne; Defence:—Andrews and Lyle; Rowat in goal.

Subs:—Quinn, Black, McLellan, Patterson, Doig. All others who want a game are asked to turn out.

Comm. '30 Hockey

Will the following turn out to play Arts '30 at 4 today:—

Seaton, Baker, Webster, Boyce, Ritchie, Deskin, Rill, McDougall, Carter, and all others who have attended the practices.

Senior Hockey

No practice today.

Junior Hockey

Practice today 3:00 to 4:00 at the Forum.

Fencing Tournament

The Fencing Club executive announces a tournament for novices this afternoon. All men out for fencing for the first time are urged to enter this competition.

Med. Football Team

All uniforms are to be turned in to Crawford at the Medical Building before the end of the week. Please do this at once and thereby aid the manager in making the necessary check-up.

Arts '31

Everybody out to meet Science today at 5 o'clock in the Hollow rink.

Science '31

Everybody out to meet Arts today at 5 o'clock in Hollow.

Commerce '32

Everybody out at 4 o'clock for game with Arts in the Hollow rink.

Med. '34

Game with Commerce 1 today at five o'clock on tennis court rink.

Comm. '33

Another game today; this time with Meds. at five o'clock.

Law Faculty

Architecture is playing vs this afternoon from 6-7 on the Tennis Court rink.

Architecture

All players please turn out for the game with Law this evening from 6-7.

crowded that new sections appeared, among these Grass Market and Hay Market. After 1700 there was a further expansion of trade and agriculture and more room was needed. Architects made plans for a new section north of the town. Here grew up the most beautiful part of the city, with its Queen Street, St. George's and Prince's Streets. Here are the dignified and spacious Charlotte and St. Andrew's squares.

Small towns sprang up in all directions. Then came the menace of the steam railway, which crushed all hope for further formal planning. Still another came with the Industrial Revolution when real estate speculators threw up cheap ramshackle buildings to house the factory workers. These have continued to increase beyond all bounds and have tended to detract from the beauty of the city.

Despite the disfiguring effects of this third period of development, Edinburgh still retains its reputation of being the most beautiful city of the north.

The lecture by Professor Traquair was the second of the series "Cities of the world," sponsored by the City Improvement League. The next lecture will follow on January 28. Two lectures will be given that evening, the first on "Washington" by J. Roland Bibbin, and the second "The City Beautiful" by Miss Harlen James.

Loyola Sextet Lose To McGill Juniors, 2 to 0

(Continued from page three)

He stated that he has nothing as yet for publication.

1st. Period.

The game started off slowly with both teams sparing for an opening. Play became quite slow till McGill's forwards got going, but they seemed unable to find the net. McGill made a couple of nice saves from Daly and McManamy. Ebbitt broke away alone from the defence but was unable to beat Bryne and Shaughnessy. Haines had a chance for a shot but was unable to get it away. Twice in close succession Loyola were playing a man short due to penalties to Daly. Just as the period ended Bell was given an enforced rest on the bench for ragging.

2nd. Period

Haines had the first shot on goal but Carroll saved smartly. Loyola rushed but S. Johnson relieved and broke away only to shoot about fifteen feet wide of the net. Gordie Johnson came back fast to take the puck off McManamy's stick near the McGill goal. Max Bell put Gordie in a position to score but the shot was off. Haines had the puck right at his feet in front of the Loyola net but was unable to get his stick to it. Calder, Mahaffey and Hunt came on and made things interesting for a couple of minutes. Stewart Johnson slowly stick-handled his way through the Maroon team but Carroll took the puck on his pads. Loyola came to life and McGill had to save smartly to keep the puck out of the net. The McGill defence were all at sea for a minute. Slattery had McGill at his mercy on a pass out but missed. Bell finally got the puck away fast only to be stopped at the Loyola goal mouth. There was a face off near Carroll's net and Haines let drive, but missed by inches. Daly worked his way right through the McGill team but McGill pulled off the most sensational play of the evening. It was a close call. McManamy was penalized but the Maroons kept right on attacking and were right through. McGill again saved, and got Bell away. Haines missed the pass as the period came to an end.

3rd. Period

Haines took a fast back hand drive on his own goal trying to clear, but fortunately missed. Gordie Johnson rounded the Loyola defence but lost the puck. Bell was penalized for nothing at all, and Loyola took advantage of the break. Ebbitt broke away fast from his own defence but shot wide. Loyola forced the play and after a mix-up around the McGill net Haines fell on the puck. Bell gave Mahaffey a nice pass but the shot was wild. Calder amused the crowd by falling down a couple of times and then passing the puck wildly. Loyola beat the McGill defence but missed by inches. Gordie Johnson broke away very fast, fooled the Loyola defence and planted the puck behind Carroll. It was a dandy goal. Calder went on for Ebbitt and the move worked, for two minutes after he picked up a rebound off Gordie Johnson's shot and scored. Loyola were fighting hard to score but were unable to get in close. Stewart Johnson only had one man to beat but lost the puck. Loyola came back fast but Ebbitt relieved as the bell signalled the Junior's first victory of the season.

The teams lined up as follows:

McGill Goal
McHugh Carroll
Defense
S. Johnson Bryne
Bell Shaughnessy
Centre
Ebbitt McManamy
Wings
G. Johnson Slattery
Haines Sinclair
Substitutes
Calder Daly
Mahaffey George
Johnson Thome
Hunt Teloucar
Rubin Boniker

Summary

1st period—no score.
Penalties—Daly (2) Bell.
2nd. period—no score.
Penalties—McManamy.
3rd period—
1. McGill—G. Johnson 13 min.
2. McGill—Calder (G. Johnson) 2m.
Referee J. Campbell.

Players' Club

There will be a rehearsal of "The Witch" at 6 o'clock this evening.

Will the following please be on hand punctually at six.

Messrs. Draper, Dale, Dunton, Lapin, Minnon, Walker, Whitton, Trimmingway.

The Messrs. Smart, Black, Nobbs, Parsons, McKibbin and McPinhey.

REMEMBER!

That Saturday is the last day for senior photographs. Notman's has been instructed not to grant appointments to McGill seniors after that date.

McGilli- Ads

At a meeting of the McGill Executive yesterday, business matters relative to the magazine were disposed of and preparations made for the appearance of the first issue at an early date. Although several manuscripts have been received the number has not come up to the expectation of the editors. As the executive wish to have the first of the McGillian on or before the 15th of Feb. students are urged to send in their manuscripts as soon as possible. Articles on any subject of interest and from any faculty are welcome.

Universities of America, Inc.

America's universities like her factories seem destined to amalgamation. A few large universities with numerous subsidiary ones is the prediction of Dr. Oscar W. Oestlund, professor emeritus of the zoology department, University of Minnesota.

Future growth at the University of Minnesota must be qualitative rather than quantitative, Dr. Oestlund declares.

"The present tendency in the education field is toward national and international institutions in education," the Minnesota professor points out. "In time, there will be three or four great universities, with a host of small subsidiary ones."

An interesting prophecy, this, but one that is open to serious questioning, both as to its possibility and its advisability.

To those seeking increased efficiency and lowered administrative costs, such a system would, of course, present certain obvious advantages. There would be fewer high-salaried administrative officials. Bookkeeping costs would be reduced. Combination would naturally allow for greater standardization of instruction material; in short, many of the advantages which large industrial concerns gain from amalgamation would likewise accrue from a combination of universities.

But this very standardization, this very economy is decidedly dangerous to the principles of education. It would undoubtedly bring about a greater standardization of textbooks, methods of instruction and all kinds of curricula material.

Where hundreds of students are now thinking along identical lines and passing through the same process of mental development, thousands would be under the combination system. In other words, the grooves would simply be enlarged, and more students caused to pour through a few larger ones rather than many small ones. The possibility of the groove not fitting the individual or vice versa would be increased in inverse ratio.

Mass production and accumulation of knowledge in the minds of maturing generations might be increased. But the world's progress is not wholly determined by the amount of knowledge which can be stored away in the minds of each succeeding generation.

Rather, it is the violence of the clash of ideas as waged by these successive generations that acts as the governor of Progress.

—U. of Washington Daily.

Book Exchange

Anyone desirous of passing their English course has only to repair to the Book Exchange. In the basement of the Union where several copies of Long's English repose on the shelves awaiting students with an eye to the main chance. Kimball's College Physics is also available but the most important item of all to the enterprising is that a Hall's Algebra will bring in price they may thing fit to extort. Special request has been made for a copy of "French Lyrics of the Nineteenth Century"—at a reasonable price.

Red & White Revue Notes

The Producer of the Red and White Revue issues a final call for skits, ideas etc. Anyone with music, lyrics, or skits must hand them in not later than SATURDAY, JAN. 25 at the Union tuck shop. All those who would like to do a specialty, monologue, song dance etc., must communicate with the producer at once.

N.H.L. Scores

N. Y. Americans 2, Canadiens 5.
Ottawa 7, Pittsburgh 4.
Boston 5, Chicago 1.

WHAT A NIGHT!

MRS. ESKIMO—Well, where have you been for the past six months?
MR. ESKIMO—My dear, I've just been sitting up all night with a sick friend.—Hamilton Royal Gibson.

Hudson's Bay Co. Has Grown With Whole Of Canada

(Continued from page one)

Printing O. S. Markham said that the fine work of the first printers has been equalled only in the last few years, the printing of the sixteenth, seventeenth and eighteenth centuries having degenerated from the early high standard.

The invention of European printing, Markham stated, has been credited both to Gutenberg and to Laurens Coster, at any rate it spread rapidly and by the end of the fifteenth Century had reached every country of western Europe.

It was brought into England by Caxton, who, in 1476, published "The Recuyell of the Histories of Troye," the first book printed in the English language. Caxton published many later works, mostly of a popular character, for the demand for the Classics was not yet great enough to justify their being printed.

English printing was not left to develop unchecked. The Stationer's Company established a monopoly in the sixteenth Century, and was itself subject to the intermittent supervision of the state authorities. This lack of freedom was a leading factor in the degeneration of the quality of printing. The removal of restriction in 1694 was followed by some improvement in the appearance of type, the principal advance being made by Caslon and Baskerville.

The next prominent feature in the history of printing was the application of machine methods to it in the Nineteenth Century. The printing machine and the stereotyping, lithographing, and colour-photography processes revolutionized printing by making it quicker and more efficient.

Finally a renaissance in the appearance of printing was effected by William Morris in the last years of the Century. He has been followed by others whose object has been to make type more readable and pleasing in appearance.

Notices

Notices must be legibly written and be in the McGill Daily office before eight o'clock on the night previous to publication. Brevity is essential. Under no circumstances will notices be accepted over the telephone.

TENDERS WANTED

Tenders are called for an orchestra to play at the Medical Dance on February 28th. They will be received by E. C. Stuart, Med. 1 until January 25th.

ARTISTS ATTENTION

Designs for costumes and scenery are called for in connection with the forthcoming Players' Club production, "The Witch." The play takes place in Scandinavia during the sixteenth century. The costumes of the period offer great scope to those of artistic ability. Designs should be submitted as soon as possible to Geo. Howe or Alma Johnson or left in care of Bill Gentleman.

McGILL ORIENTAL CLUB

The McGill Oriental Club will hold its fourth regular meeting today. The meeting will be held in Room B of the Strathcona Hall at 8 p.m. sharp. Three papers on Judaism, Christianity, and Mohammedism are to be read by Messrs. Perelmutter, Kerr and Zlotnick respectively. Prof. Brodie Brockwell, honorary president of the club, Dr. Gordon and Rabbi Berger, honorary vice-presidents, will also be present. Everybody welcome—no admission.

CHESS CLUB

There will be a meeting of the Chess Club today at 5 p.m. in the Lounge Room of the Union. All members are urged to be present. The meeting will be followed by the regular tournament.

SCARLET KEY

A meeting of the Scarlet Key Society will be held in the Music Room of the McGill Union today at 5 P.M.

MEDICAL MEETING

The next regular meeting of the McGill Medical Society will be held in the Assembly Hall of the Medical Building on Monday, January twenty-seventh, at eight o'clock.

Programme:

1. Case Report.
2. "Medical Hobbies" an address given by Dr. D. W. Mackenzie.
3. Refreshments.

C. C. Clay,
Secretary.

PSYCHOLOGICAL SOCIETY

There will be a meeting of the executive of the Psychological Society today at 12 o'clock in Room 67 of the Arts Building.

CLASS PRESIDENTS

Will the presidents of the following classes make arrangements to have their class photographed as soon as

possible. Call the Street Photo Supply, Harbour 9757, for appointment:
R.V.C. '32; Dent. '33; Comm. '31; School for Graduate Nurses.

THE SLEEPING BEAUTY

A second performance is to be put on this Saturday afternoon in Moyse Hall at 3 o'clock. The cast will rehearse today at 4 P.M. and again on Friday at 5 P.M., both rehearsals to take place on the stage of Moyse Hall. Will all the players and helpers take note of these dates and notify either Miss McLachlan or Bob Calder if they are not able to be present.

CLUB NEWFOUNDLAND EXECUTIVE

All hands on deck this afternoon at 5 P.M. for the executive picture at Notman's.

COMMERCE '31 PICTURE

Commerce '31 picture will be taken on the Arts Building steps at 11 o'clock today (Wednesday). Everybody is requested to be present.

SCIENCE '32

Class meeting today at noon in room 73.

ARTS '32

There will be a meeting of the Arts sophia between lectures at 10 o'clock Thursday morning to discuss the proposed toboggan party.

M.W.S.S.

M.W.S.S. MEETING

There will be an important executive meeting on Friday, January 24, at one o'clock in the Common Room of the R.V.C. All members please attend. The photograph will not be taken until Monday.

M.W.S.S. PHOTOGRAPH

The photograph of the executive council of the M.W.S.S. will be taken at Notman's on Monday, January 27, at 1:15 o'clock. All members should be present. Don't forget to bring a gown.

R.V.C. '32

We'll try again! Class picture will be taken on Thursday, January 23, at one o'clock on the steps of the R.V.C. All members please turn out.

DELTA SIGMA EXECUTIVE PICTURE

The photo of the Executive of the Delta Sigma Society is to be taken on Friday of this week at 1 P.M. at Notman's. All members are requested to be there with gowns, and above all, on time.

R.V.C.

The third of a series of Hygiene lectures for the Women students of First Year will be held on January 29th at 5 o'clock at R.V.C.

Although these lectures are compulsory for all First Year women.

upperclassmen are cordially invited should the subject be of interest to them.

The subject of this month's lecture will be "Exercise" in preparation for this lecture, moving pictures of various athletic activities have been taken and will be shown. The students of M.S.P.E. will feature in Archery, Track & Field Athletics, and Field Hockey. R.V.C. students will be starring in Basketball and Badminton. All pictures are taken on the McGill women exclusively, with various settings familiar to all undergraduates.

Z. Slack,

Asst. Physical Director for Women.

R.V.C. MUSIC CLUB EXECUTIVE

The picture of the R.V.C. Music Club Executive will be taken at Notman's at 1:45 p.m. Jan. 23. The following turn up with their gowns:—M. Bissone, D. Brown, G. Feden, J. MacDonald, M. Hadwin, C. Graham, E. Morell, M. Magwood, and D. Bascal.

S.C.A. of R.V.C.

Mr. Stewart will be unable to meet his group today.

Wanted

One male partner for the Alma Mater. No blonde hockey stars or athletically inclined meddles need apply. Only teetotalers and women haters will be considered. First come, first served.

Lost

A number of negatives and Eskimo photographs from the Physics Building. These are unreplaceable and the owner would appreciate their being returned to the Physics Building.

A man's scarf. Coarse Silk. Scotch knit in colour, between Medical and Biological Buildings. Finder please leave either with Joe of Biological Building or Mr. Crawford of the Medical Building.

Gold Eversharp pencil, in or in the vicinity of the Library. Please leave with Bill Gentleman.

POWTER'S PROMPT & PUNCTUAL PRINTERY Limited

All that the name implies
SERVICE

POSTERS, SHOW CARDS,
COMMERCIAL PRINTING
RUSH JOBS OUR DELIGHT
HAR. 6535

511 ST. JOHN STREET

RED and WHITE

REVUE 1930

DON'T FORGET!

YOUR ENTRY FOR THE

POSTER COMPETITION

MUST BE IN BEFORE

Saturday, February 15th.

\$2